

# Application Highlight



Hydro power | River Water | Mechanical Seal

## Application Info

- **Industry:** Hydro power
- **Location:** Italy
- **Equipment:** QTY 2 Horizontal Kaplan Hydro Turbines
- **Product:** River water, 5-18° C temperature



No Flush



*SpiralTrac Adaptor after 9 years of service*

## Solution & Result

- Chesterton 442® Split Seals
- **SpiralTrac™** Adaptor, split, made of ESC material, part # AFS11-0406R(ESC)

The Chesterton solution on these two turbines were installed in **2011**.

In 2020, the 442 seal had to be rebuilt on one turbine. The SpiralTrac Adaptor was still in good enough shape to be taken off, cleaned up and reused. The second turbine was running without issues until the end of 2024. This means that the originally installed 442 and SpiralTrac was successfully running on these turbines for **9 and 13 years** respectively, and the SpiralTrac Adaptors have not had to be replaced yet. This is a massive win for the customer!



*442 Split Seal and SpiralTrac Adaptor after 9 years of service*



*One of the Two Horizontal Kaplan Hydro Turbine being serviced*

For more information please send an email to us at [support@enviroseal.ca](mailto:support@enviroseal.ca). We hope to hear from you!



2456 Rocky Lake Drive • Waverley • Nova Scotia • CANADA • B2R 1R6  
+1 (902) 861-3464 • [info@enviroseal.ca](mailto:info@enviroseal.ca) • [enviroseal.ca](http://enviroseal.ca)

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